

ATX-14004

Intel Ultra series Processor with TDP
125w ATX Motherboard



FEATURES

- Intel® Core™ Ultra Processors (Series 2), LGA1851 Support MAX CPU TDP: 125W
- Intel® Q870, TDP 6W
- 4, DDR5 No ECC U-DIMM upto 192GB
- 1, Intel® i219V GbE Ethernet Controller 1, Intel® i210AT GbE Ethernet
- 4* SATA, 1* VGA, 1* HDMI, 1* DP
- 6* RS232
- 6 * USB3.2, 7* USB2.0

ATX-14004	
Form Factor	ATX (305 * 244mm)
CPU	Intel® Core™ Ultra Processors (Series 2), LGA1851 Support MAX CPU TDP: 125W
Chipset	Intel® Q870, TDP 6W
BIOS	AMI UEFI BIOS
RAM	4, DDR5 No ECC U-DIMM upto 192GB
Display Graphics	by CPU
VGA	1, VGA, max 1920*1200@60Hz
HDMI	1, HDMI, max 4096*2160@60Hz
DP	1, DP++, max 4096*2160@60Hz
ETHERNET	1, Intel® i219V GbE Ethernet Controller 1, Intel® i210AT GbE Ethernet Controller
Audio	1, Line-Out + MIC +Line-in 1, Line-Out + MIC 1, SPDIF Out
PCI	1*PCI
PCIe	1* PCIe x16 &4 * PCIe X 4 slots
M.2	1, M.2 E-Key 2230, PCIe + USB2.0, support WIFI + Bluetooth 1, M.2 M-Key 2280, PCIE x4/SATA, support NVMe/SATA SSD, Auto detect
Storage	4 * SATA
USB	4, USB3.2 5Gbps 2, USB3.2 10Gbps, 7 * USB2.0
SERIAL	6, RS232, COM1-6
PANEL	1, PWR On +Reset +PWR_LED +HDD_LED
TPM	TPM 2.0(Optional)
WATCHDOG	System reset, programmable 1-255 sec or min
GPIO	8, 4* GPI+ 4* GPO, non-isolated 5V
SMBUS/ I2C	1
AUDIO HEADER	1
AT MODE	1
Input PWR	24 pin/8 pin ATX PWR Connector
OPERATING TEMP	0°C – 60°C
STORAGE TEMP	-20°C – 75°C
CERTIFICATIONS	CE, FCC, RoHS, REACH
WARRRANTY	2 Years